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New 2,4-bisresorcinyl-1,3,5-triazine compounds used in cosmetic formulations - to protect human and animal skin and hair from the damaging effects of ultra-violet (UV) radiation

Patent Assignee: CIBA SPECIALTY CHEM HOLDING INC (CIBA); CIBA SPECIALTY CHEM CORP (CIBA)

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Patent Family:

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| ZA 9804107 | A | 19990127 | ZA 984107 | A | 19980515 | 199910 |
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Abstract (Basic): EP 878469 A

2,4-Bisresorcinyl-1,3,5-triazines of formula (I) are new. R₁, R₂ = (CH₂)_{m1}COR₃; R₃ = e.g. OH (optionally mono- or poly-OH-substituted 1-5C alkyl), 1-5C alkoxy; NH₂ (optionally substituted by 1-2 1-5C alkyl), M, O(CH₂)_{m3}N+R' R'' R''' or O-N+R' R'' R''' ; R'-R''' = optionally 1-14C alkyl (optionally substituted by OH); R₄ = H, M, 1-5C alkyl or (CH₂)_{m2}T₁; R₁ = a group of formula (d)-(e); R₅ = H, 1-10 C alkyl, (CH₂CH₂O)_{n1}R₆ or CH₂CH(OH)CH₂T₁; R₆ = H or methyl; T₁ = H or 1-8 C alkyl; Q₁ = 1-18 C alkyl; M = a metal cation; m₁ = 1-3; m₂ = 1-4; m₃ = 22-14; and n₁ = 1-16.

USE - (I) are used for protecting human and animal hair and skin from the damaging effects of ultra-violet (UV) radiation and in cosmetic formulations with compatible vehicles or auxiliaries and optionally other UV protection agents, especially triazines, oxanilides, triazoles, amides containing vinyl groups or cinnamamides (all claimed). They are useful in medical, pharmaceutical and veterinary medical formulations.

ADVANTAGE - (I) give excellent protection against the damaging effects of sunlight.

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Title Terms: NEW; DI; TRIAZINE; COMPOUND; COSMETIC; FORMULATION; PROTECT; HUMAN; ANIMAL; SKIN; HAIR; DAMAGE; EFFECT; ULTRA; VIOLET; ULTRAVIOLET; RADIATE

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